

GP 302457

PHOSPHORESCENT INTERIOR PANEL

ABSTRACT

[0033] A phosphorescent interior panel for illuminating an interior compartment of a vehicle. The panel is comprised of a polymer matrix and a phosphorescent material that will glow for a period of time after exposure to external light without the use of additional power. The phosphorescent interior panel improves visibility inside the vehicle without increasing heat load within the vehicle. A roof assembly comprising a roof wall, a phosphorescent interior panel and a light transmitting component. The phosphorescent material of the panel scatters or diffuses incident light, thereby providing the spacious sensation of an open roof. Also disclosed is a method for providing light into an interior portion of a vehicle with the phosphorescent interior panel.